

## REPORT

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SUPPLEMENT TO  
REPORT NO.

50X1-HUM

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50X1-HUM

4. In 1948, 263 million units of penicillin were produced. In September 1949, the Minister for Industry gave orders for production to be increased. By January 1950, the September production had been increased by 15 per cent. The total production for 1949 was 5.04 billion units. As a result of this increased production, hospitals can now be supplied with as much penicillin as they need.
5. Shortage of raw materials and inefficient means of cultivation have inevitably kept the price high [redacted]. It is, however, decreasing, as can be seen by the following table:
- 50X1-H

In 1948	1 million units cost	500 DLIO
In February 1949	" " " "	180 DLIO
In December 1949	" " " "	90 DLIO
In July 1950	" " " "	45 DLIO

It is hoped [ ] to be able to reduce the price to 10 DM0 per 50X1-HUM million units.

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CENTRAL INTELLIGENCE AGENCY

50X1-HUM

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6. The greater part of the penicillin produced in the DDR is produced by:
  - a. Pharmazeutisches Werk Madaus, Radeboul, which belongs to the VVB (Z) Pharma.
  - b. Jenapharm, Institut für Mikrobiologie, Schott-Zeiss-Institut, Jena, which belongs to the VVB Pharma.
7. Pharma Madaus
  - a. The chief research chemist is Dozent Dr. Robert Thren.
  - b. Production was started in March 1947. The present production is 100 times greater than the original.
  - c. The Madaus laboratories are at present concerned with research on improving the purity of the penicillin produced.
  - d. The types of penicillin produced are:
    - Penicillin jelly
    - Penicillin culture filtration (Myco liquid)
    - Penicillin sodium salt
    - Penicillin ointment (200 international units per gram)
    - Penicillin powder (1000 international units per package)
8. Jenapharm
  - a. The types of penicillin produced include:
    - 1) Penicillin powder (Mundpuder) "Jenapharm":  
Small phials containing 5 grams of penicillin with a total content of 2500 international units.
    - 2) Penicillin "Jenapharm":  
Calcium salt of penicillin in bottles containing 120,000 and 200,000 international units, for injecting.
    - 3) Penicillin calcium salt  
In phials containing 500 and 1000 international units.
    - 4) Experiments are also being made in the actual cultivation of penicillin.
9. Some penicillin was being produced by the privately-owned firm of Lessing-Chemie, Altonaerstrasse 25a, Erfurt, until December 1949, when, because of a shortage of raw materials, the firm was taken over by the Pronassol GmbH, Erfurt, which belongs to the VVB Papier-Chemie, Thuringen. When the firm was taken over, the stocks of penicillin on hand were sold and production ceased completely. It has not been resumed as yet, although the necessary equipment is available.
10. No penicillin is produced by the Sächsisches Serumwerk A.G., Dresden A.1, Zirkusstrasse 40.

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